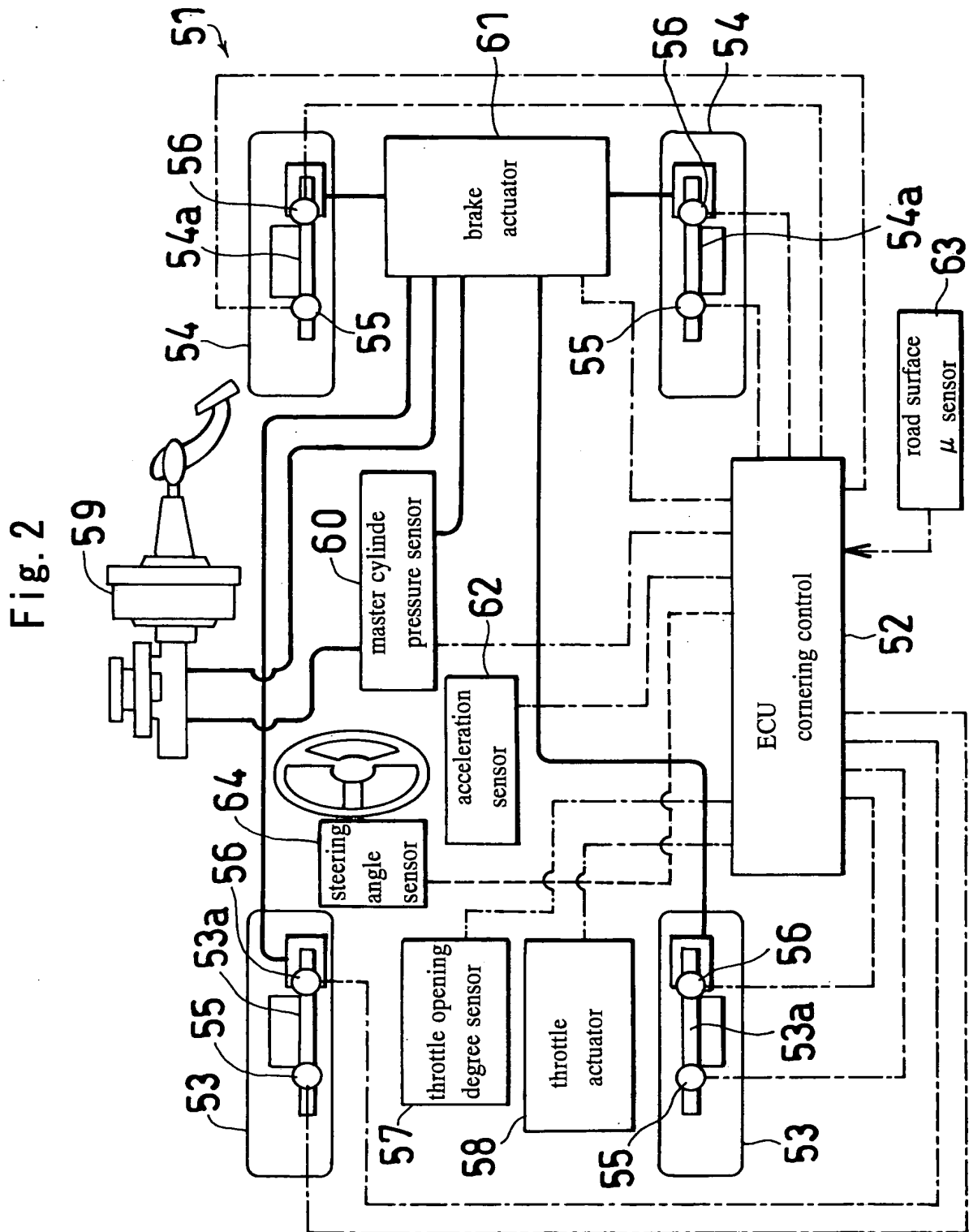
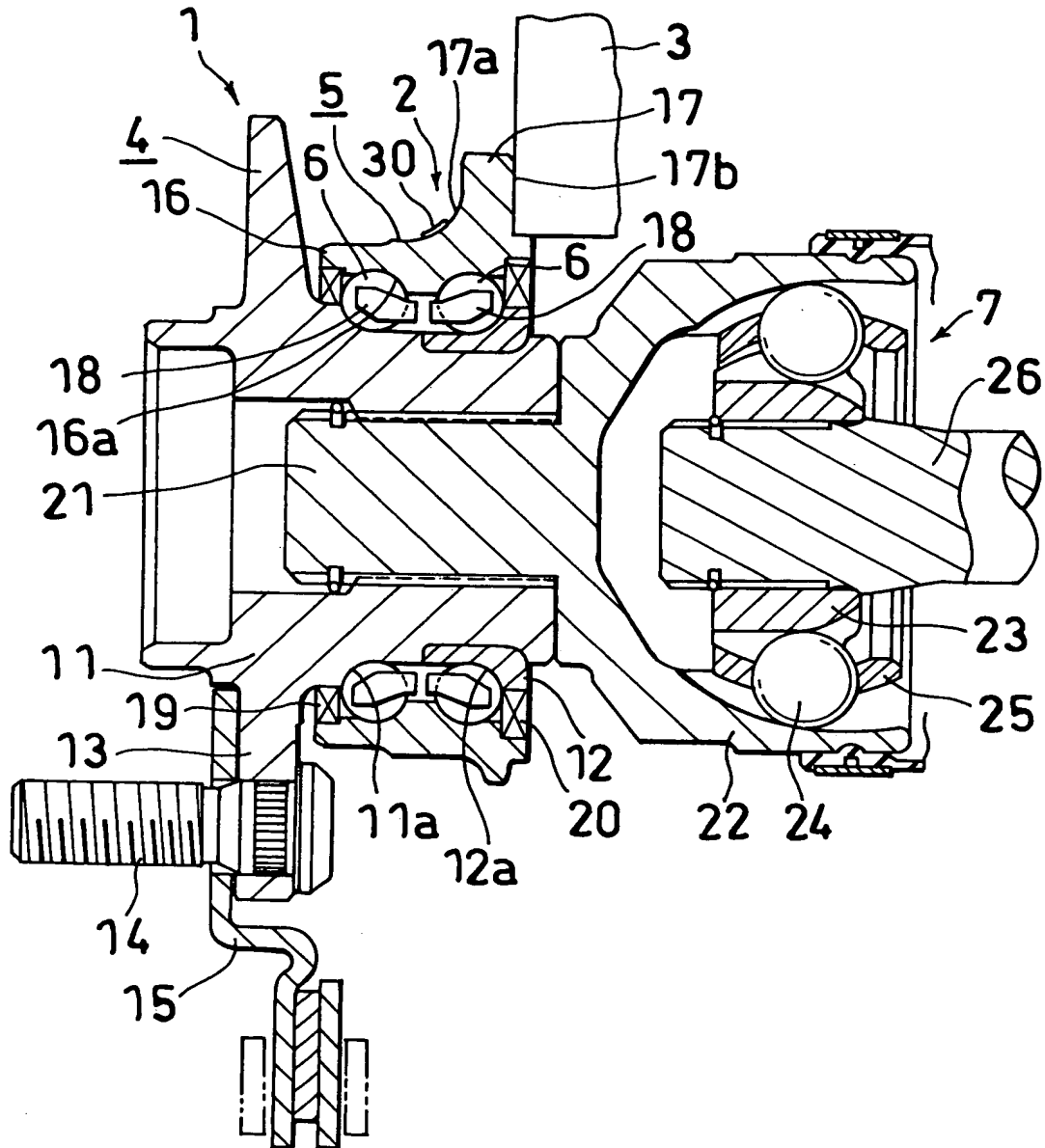




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**Fig. 3**

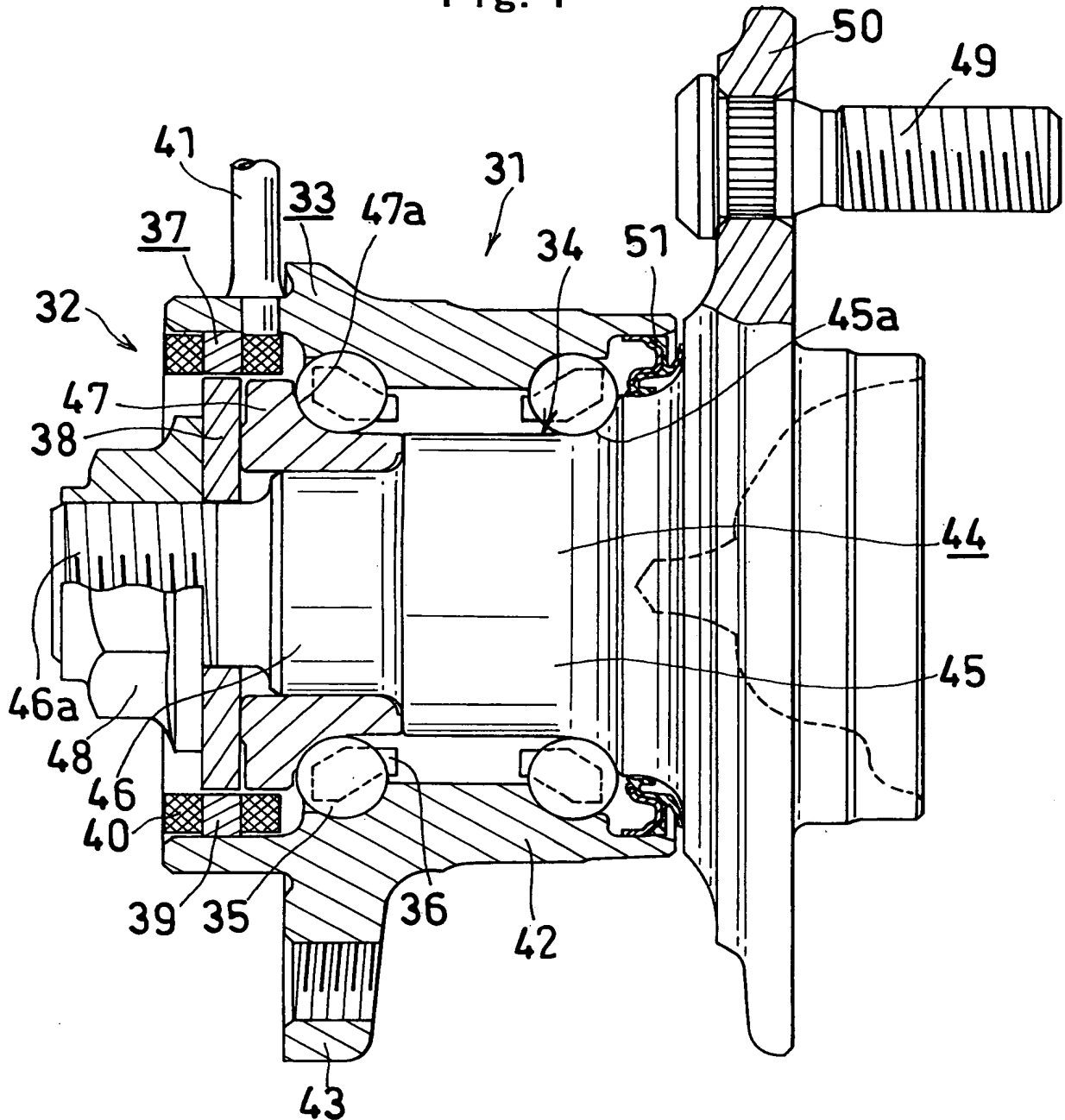


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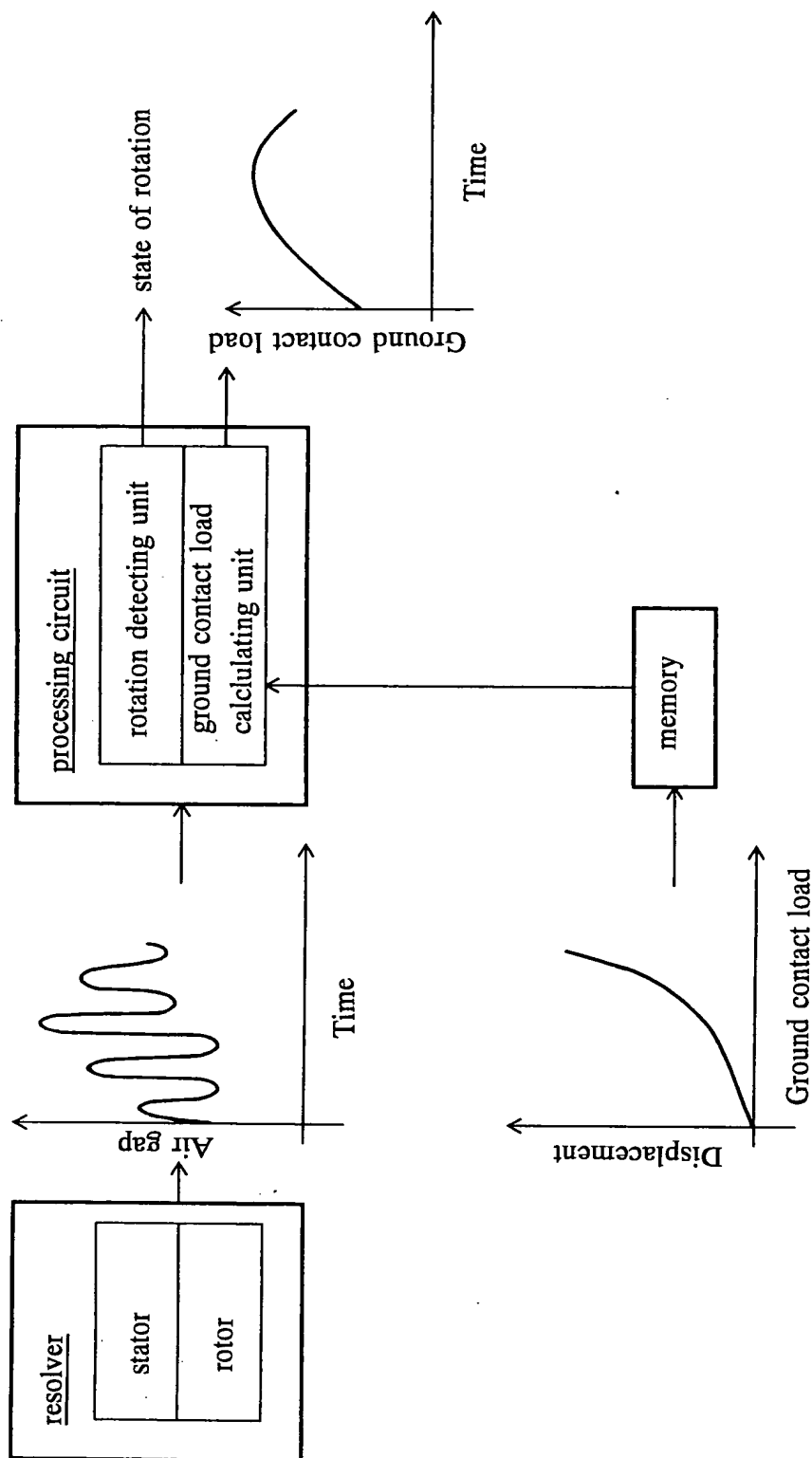
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**Fig. 4**



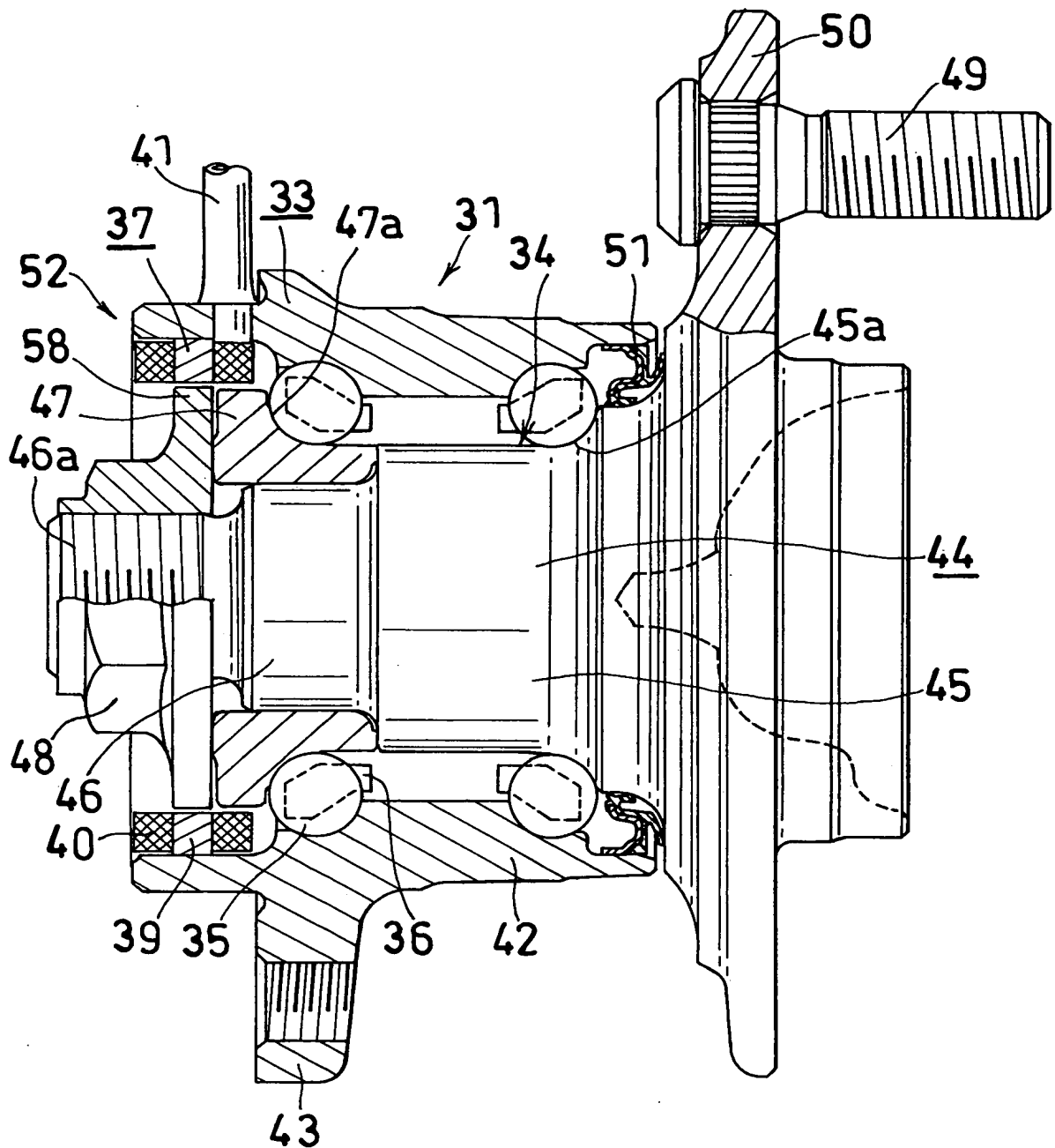
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Fig. 5



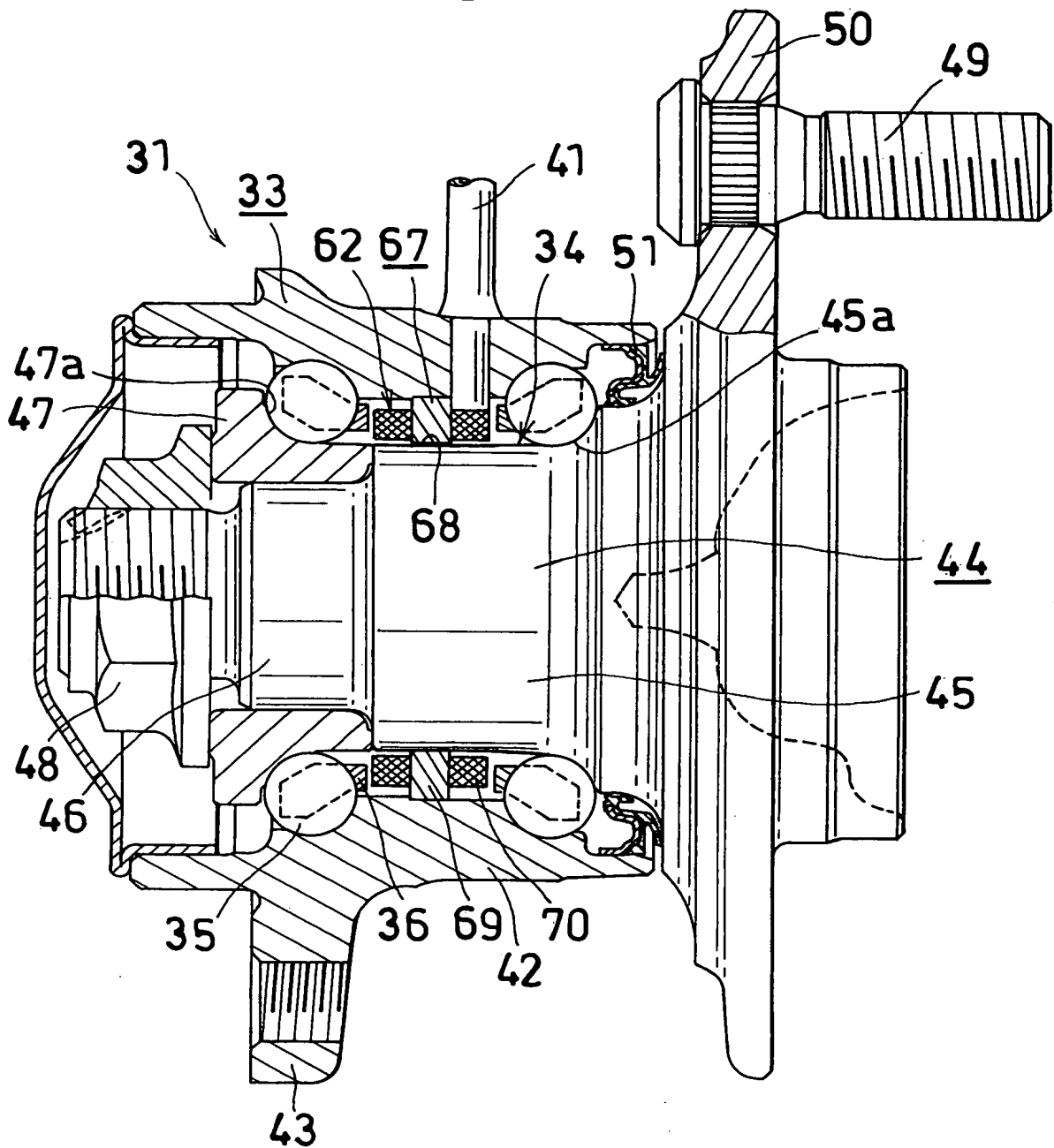
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Fig. 6



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Fig. 7

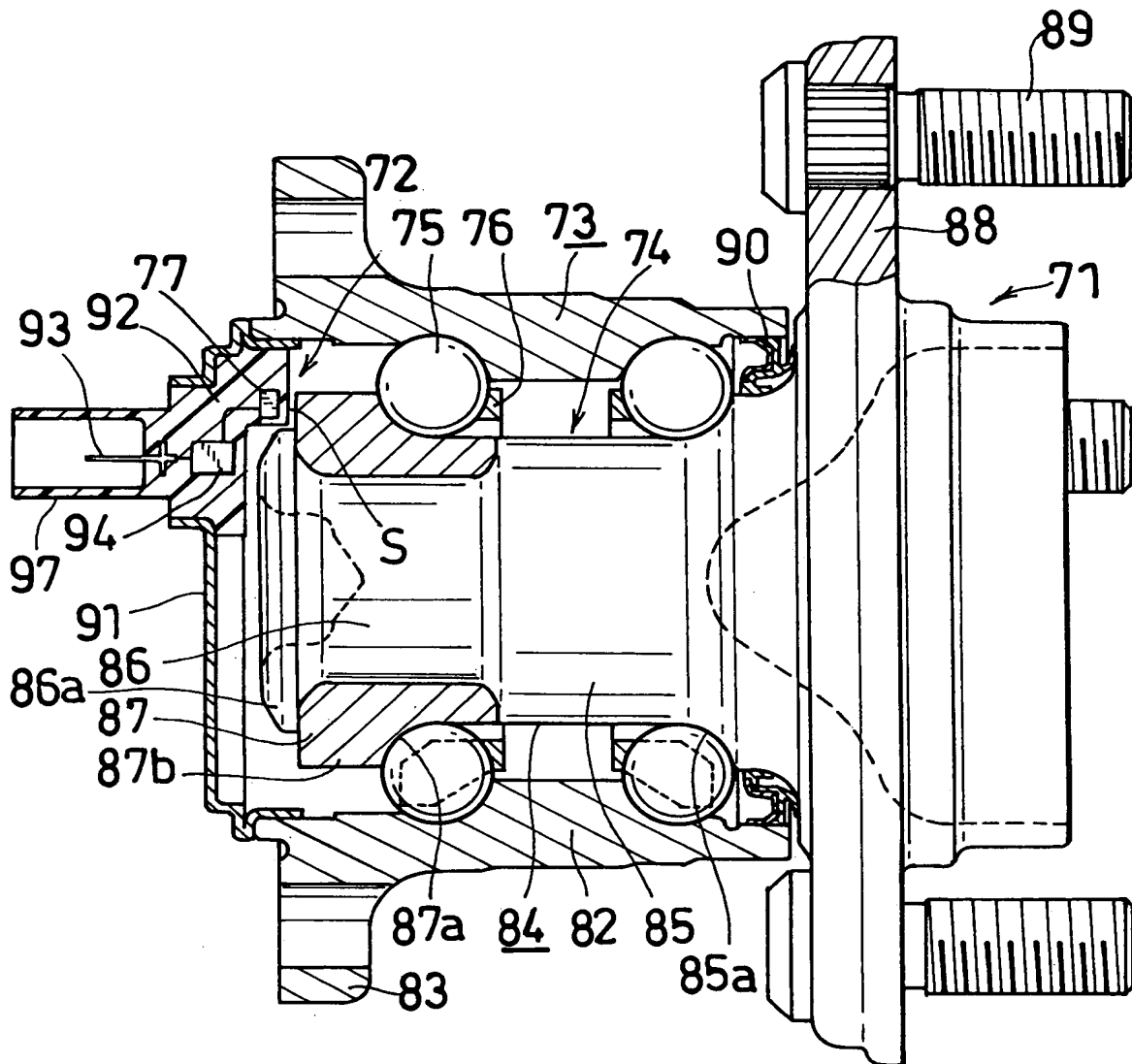


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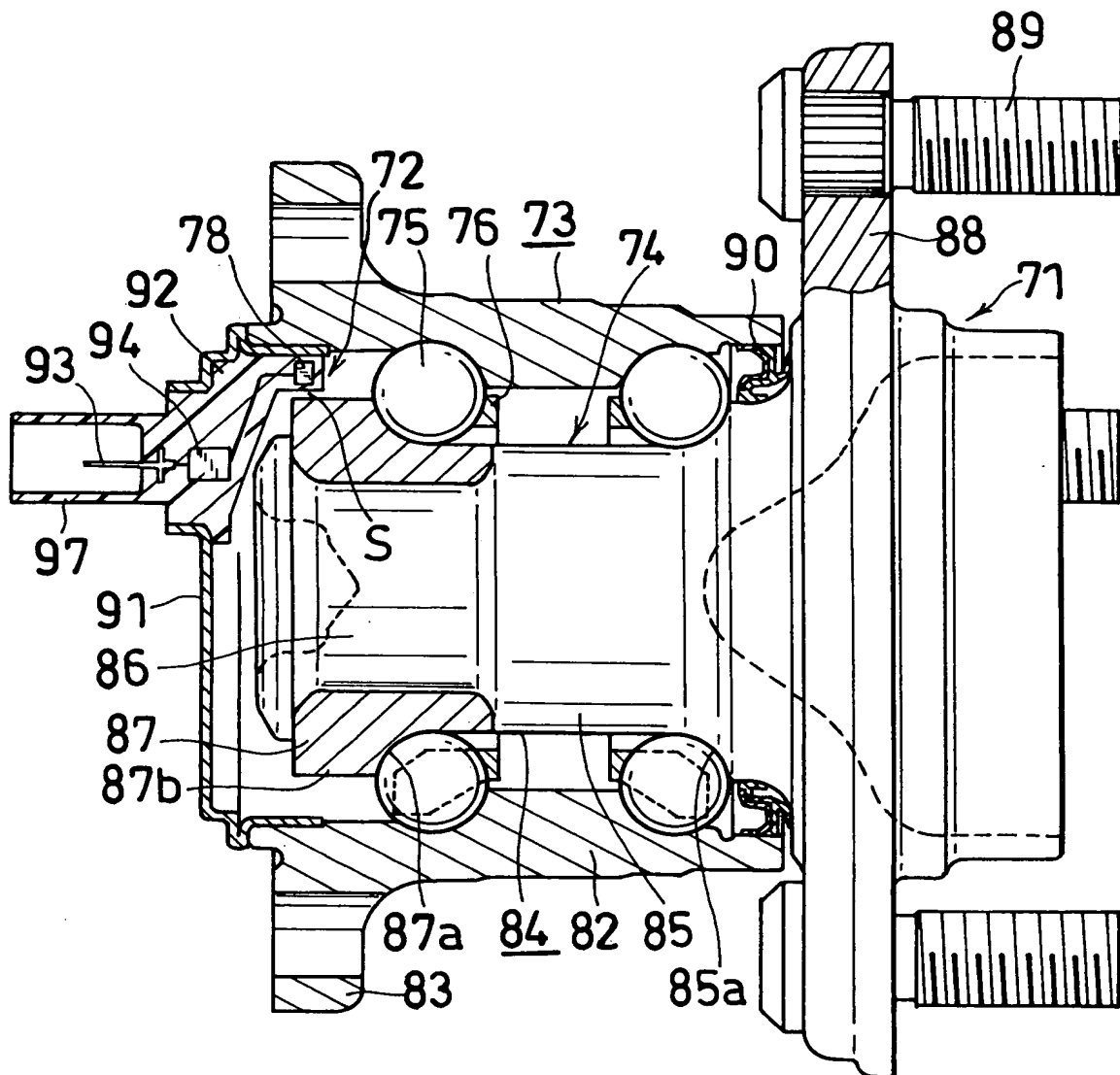
Fig. 8





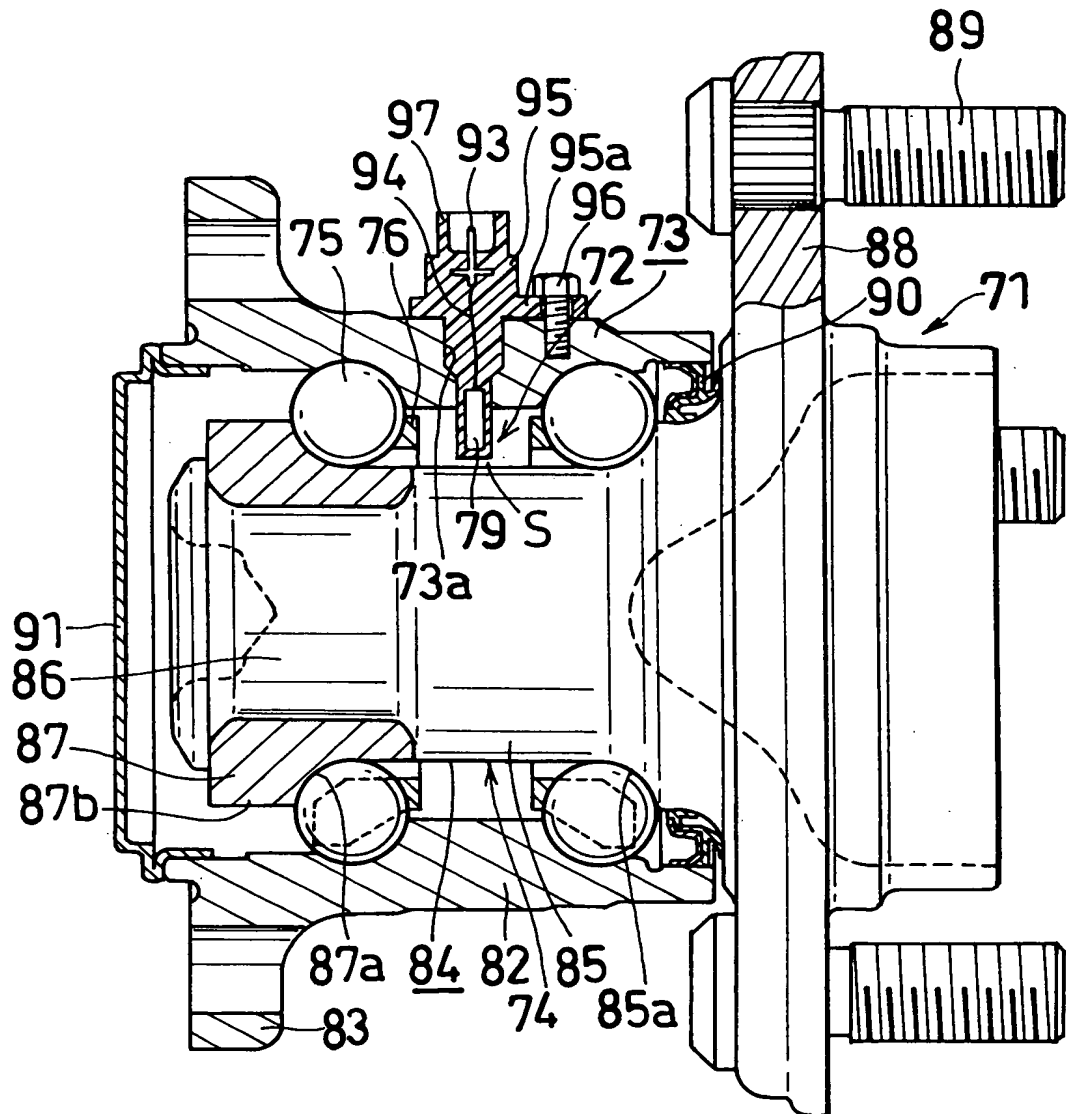
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Fig. 9



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Fig. 10



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Fig. 11

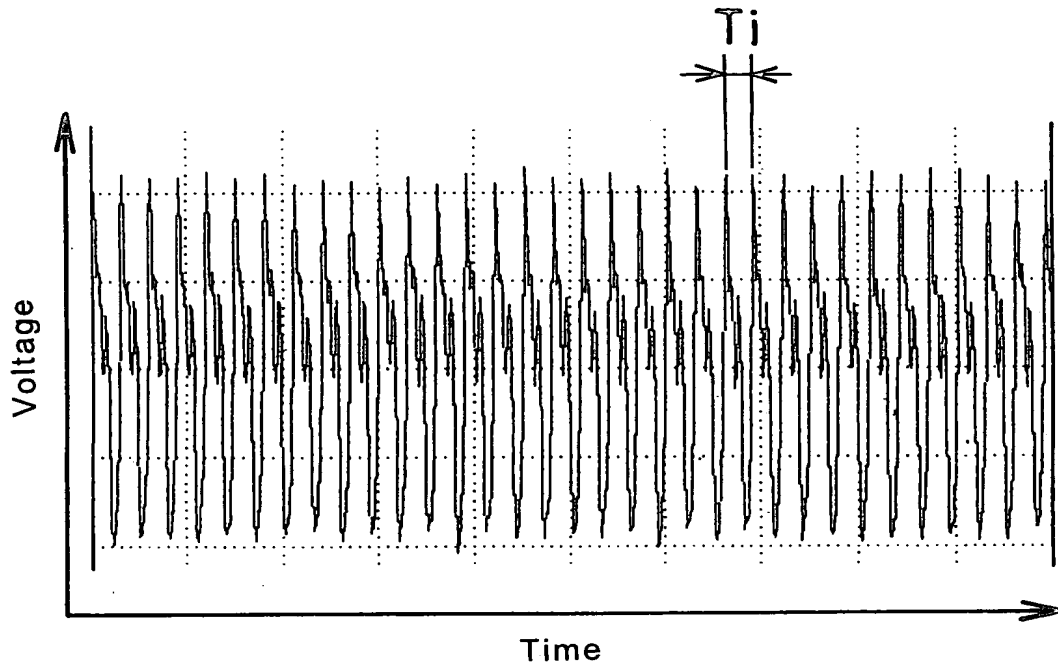
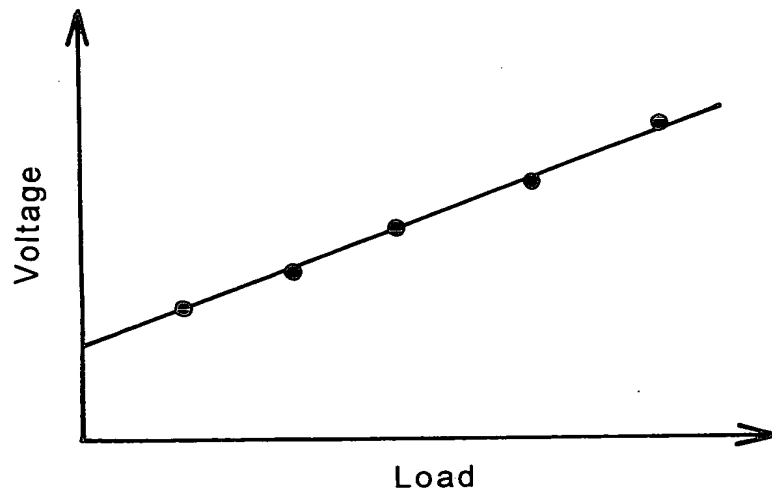
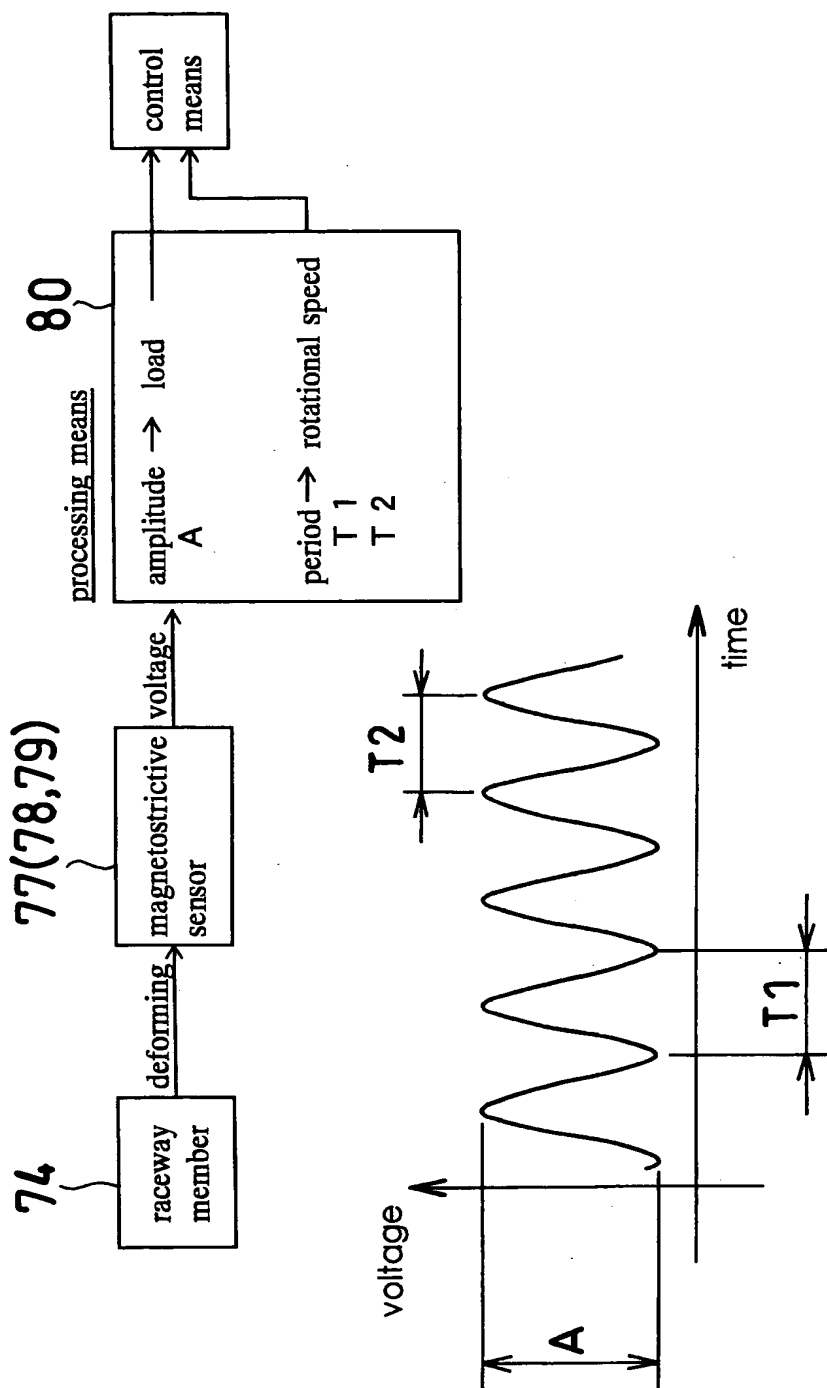


Fig. 12



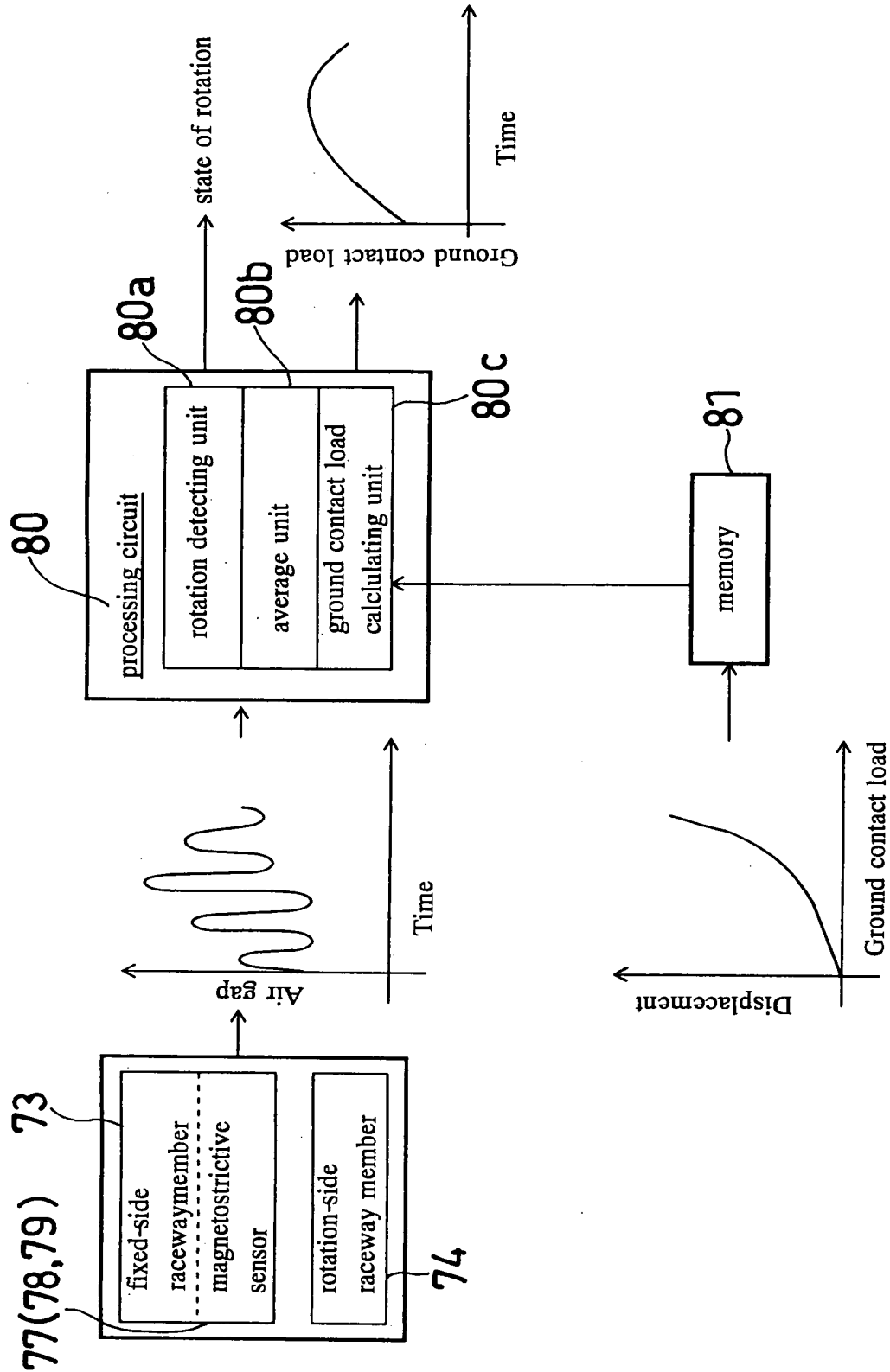
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Fig. 13



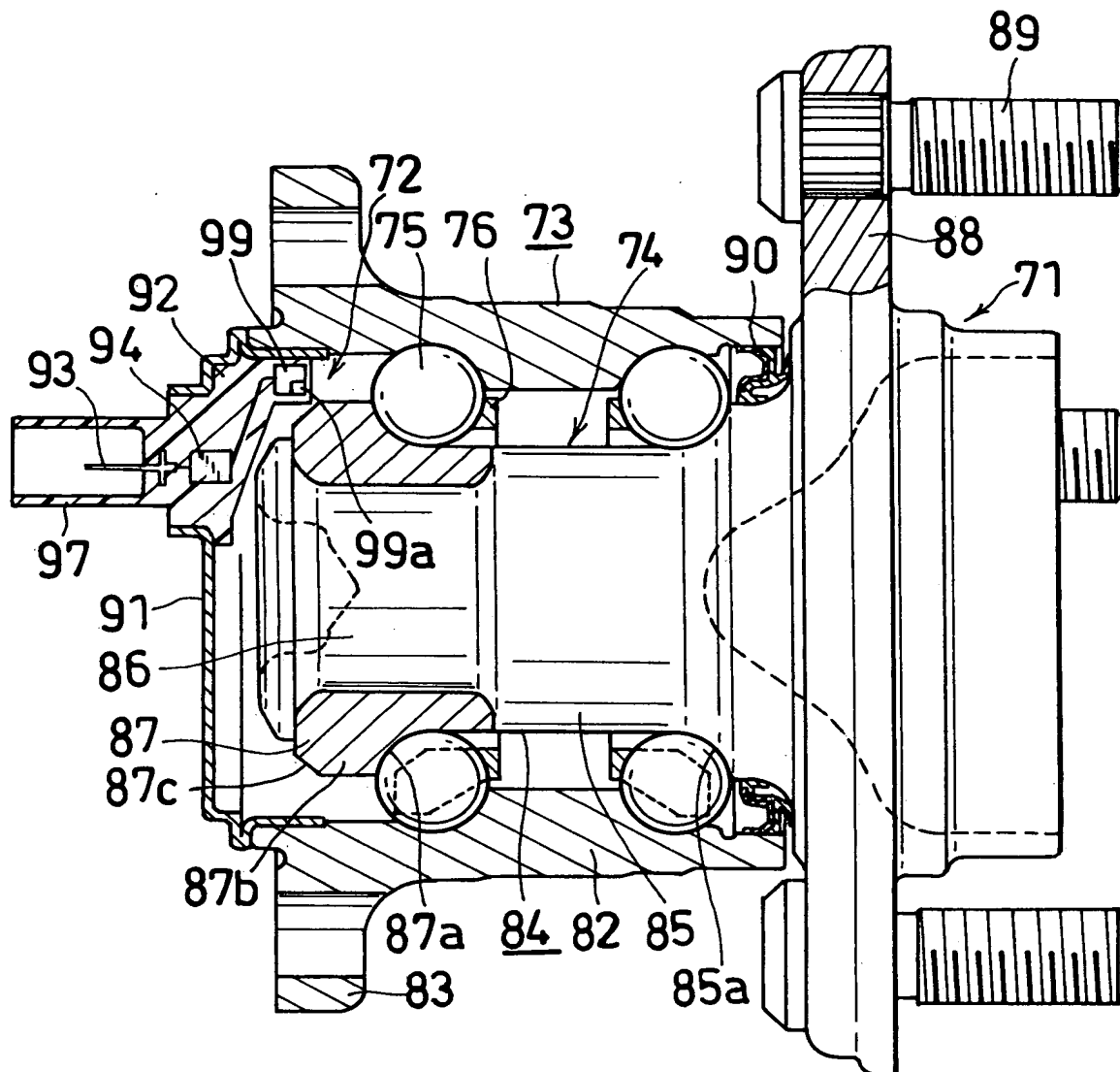
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Fig. 14



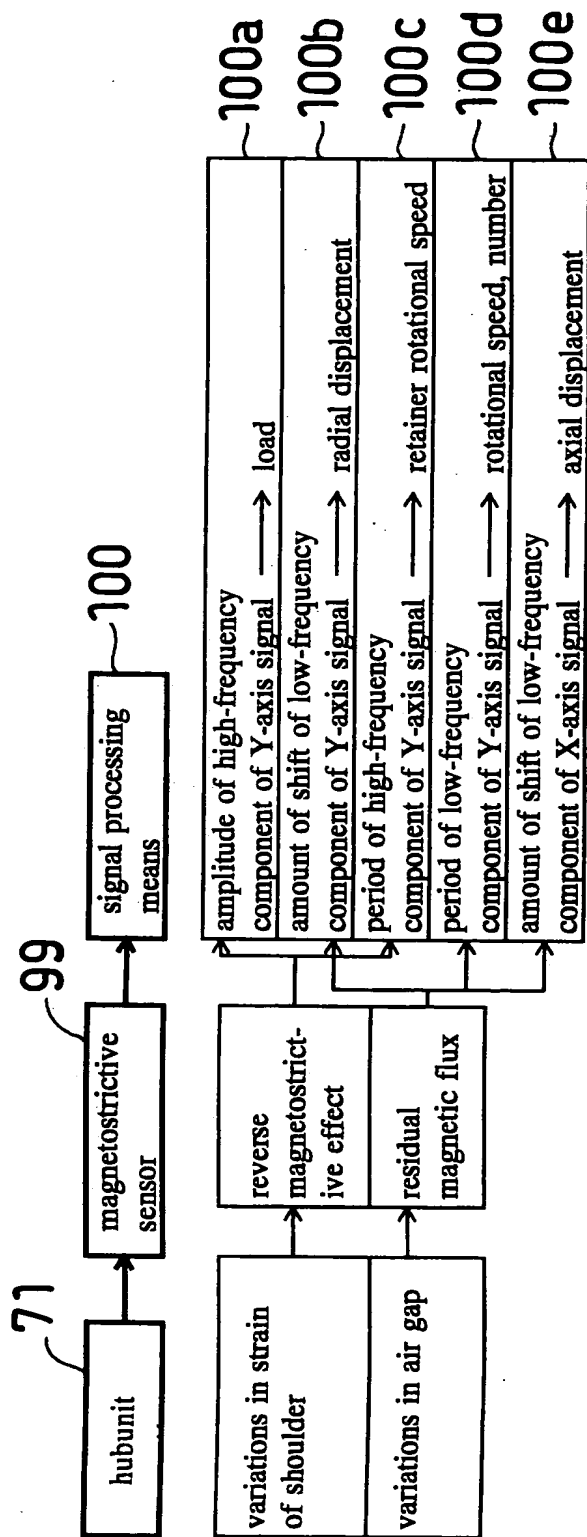
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**Fig. 15**



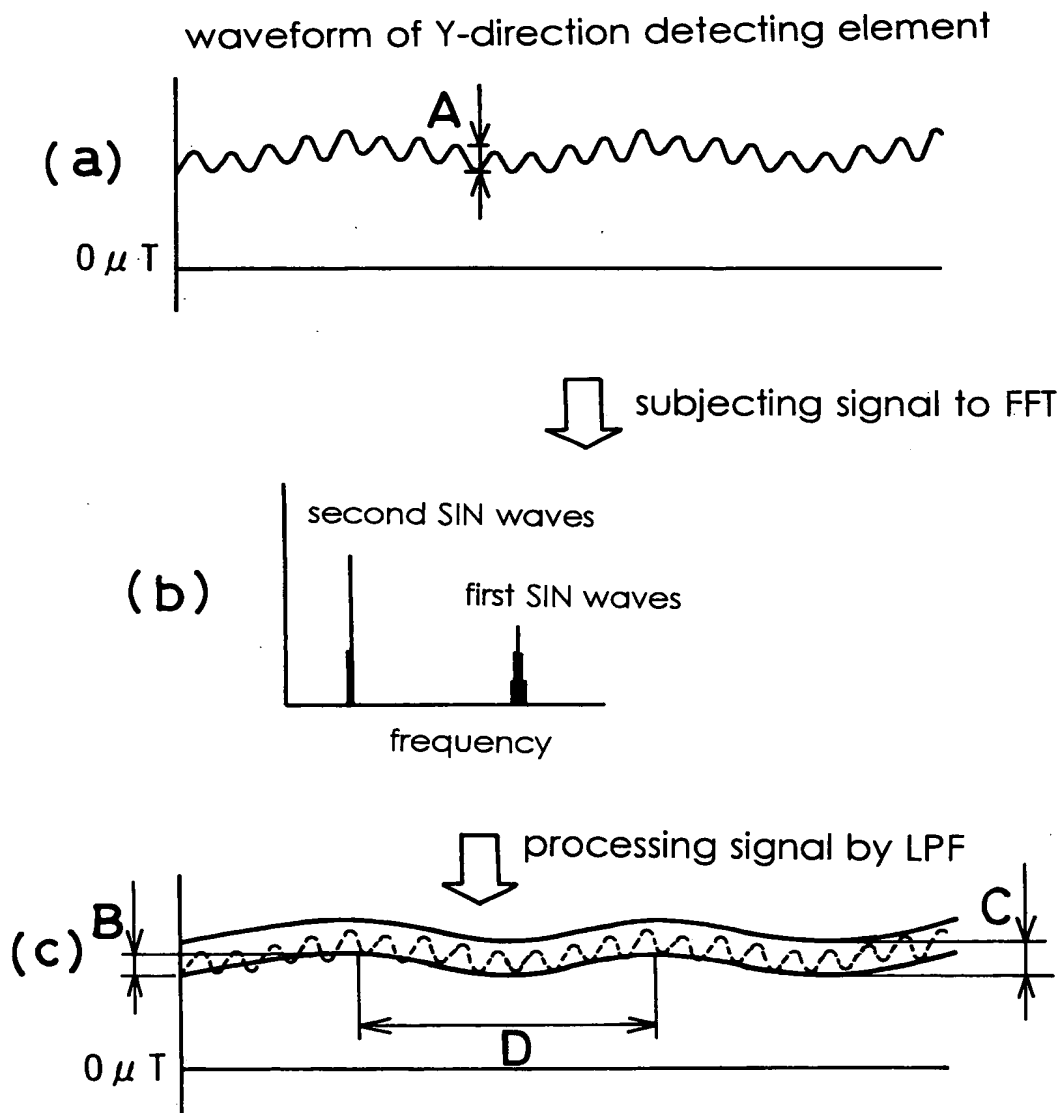
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Fig. 16



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Fig. 17

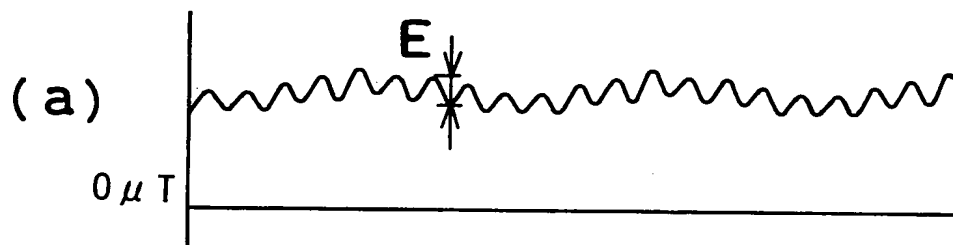




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Fig. 18

waveform of X-direction detecting element



↓ processing signal by LPF

